

Expertise

Expert Opinion of the Notified Body on the Conformity Assessment
according to Article 10.5 of R&TTE Directive 1999/5/EC

PHOENIX TESTLAB
EU Identification Number **0700**

Recognised by  Bundesnetzagentur

BNetzA-bS-02/51-55/1

Expertise No.	08-112248a
Certificate Holder	Free2move AB
Address	Sperlingsgatan 7 SE-30248 Halmstad Sweden
Product Description	Bluetooth Module (2.0+EDR)
Brand Name / Model Name	Free2Move / F2M03ALA
Frequency Range	2.40127 GHz – 2.48078 GHz
Transmitted Power	5.85 dBm EIRP

Opinion on the Essential Requirements

Article 3.1a): Health and Safety **Remarks see annex**

Article 3.1b): Electromagnetic Compatibility **No remarks**

Article 3.2: Effective Use of the Radio Spectrum **No remarks**

CE-marking

Marking Example (Class 1) **CE 0700**

This certificate is issued in accordance with the Directive 1999/5/EC of the European Parliament and the Council on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity dated 9th March 1999 and is only valid in conjunction with the following annex (2 pages).

Blomberg, 08 January 2009

Place, Date of Issue




Signed by Holger Bentje
Notified Body

Technical Construction File (TCF):

Description

User Manual: Low power Audio Bluetooth™ Module with antenna F2M03ALA Datasheet, Rev. a
Operational Description Data sheet Wireless UART firmware version 4

Manufacturing Documents

Block Diagram: F2M03ALA BlkDia
Circuit Diagram: F2M03ALA Schem, Rev. 1, August 20, 2007
Parts Placement: F2M03ALA Component layout, Rev. 1
PCB-Layout: F2M03ALA PCB layout
Parts List: F2M03ALA Part list_new, Revision: 4, 2008-07-04,
Hardware Version: --
Software Version: --

Applied Standards and Test Reports

Specification	Laboratory	Test Report Number
EN 301 489-17:2002-08	7layers	MDE_FREE2_0801_EMCa
EN 300 328 v.1.7.1	7layers	MDE_FREE2_0801_RADa
EN 60950-1:2006	TÜV Süd Product Service Ltd.	071_75903957_000

Further Documents

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Opinion on the Essential Requirements:

The basis of this Expertise is the Technical Construction File (TCF). If the TCF includes test reports issued by laboratories accredited to the standard ISO/IEC 17025, the test results of these reports are considered as a basis for the conformity assessment of the Notified Body.

Article 3.1a): Health and Safety:

Safety:

- The module is intended for incorporation into host equipment and is reliant on the host equipment provide a suitable mechanical and fire enclosure which meets the requirements of EN 60950-1.
- When installed the module must be powered by a SELV (Safety Extra Low Voltage) supply in accordance with EN 60950-1. In addition the host must provide adequate over-current protection the power source must be classified limited power in accordance with Clause 2.5 of EN 60950-1.

Health: NOT ASSESSED

Article 3.1b): Electromagnetic Compatibility:

- Conform

Article 3.2: Effective Use of the Radio Spectrum:

- Conform

Remark

Before putting a product on the market which uses non harmonised frequencies (Class 2) the national authorities of the member states have to be notified.

